



## Memorandum

To: Jeff Montera, Project Manager

From: Angela Frandsen, Quality Assurance Manager *af*

Reviewed by: Krista Lippoldt, Quality Assurance Coordinator for EPA  
Region VIII RAC *KL*

Date: September 3, 2002

Subject: Libby CSS QAM checklist for 8/11/02 to 8/24/02

The following summarizes the QA activities that are being verified biweekly by the QAM for the Libby CSS. These activities are discussed in Section 7 of the CSS Final SAP. This memorandum covers the above-referenced two-week time period.

### 1. Field Team Orientation

*(QAM will attach the signature page for each orientation )*

Number of new field team members: 1 (Rodney Peterson)

Number of field team member orientations: 1. See attached signature list.

Comment: It was noted during review of the previous memorandum that some team members had not signed the list. The orientation list was reconciled against the list of trained CSS personnel. Field team members S. Olivera and P. Opem, signed the form. Other team members (B. Purtee and C. Zeliznak) were not onsite. If these team members are not onsite by the next review, the CSS TL will fax the signature page to them and staple signed faxed copy to original.

### 2. Field Form Completion Checks (IFFs and FSDSs)

*(QAM will perform a 10% check on completed field forms sent to Helena for evidence that field team members are doing the required QC checks.)*

Number of IFFs completed: 270 between 8/11 and 8/24/02

Number of IFFs received in Helena: 279 (IFFs shipped to Helena would include those from 8/9 to 8/22 because they are shipped on Fridays)

Number and percent of IFFs checked by the QAM for completeness and correctness: 32 (11.5%); 4 forms were found with problems (see attached list).

Corrective Action: List of IFF forms with problems sent to CSS Task Leader for corrective action - see attached list for details on corrective actions taken

Number and percent of IFFs checked by the CSS task leader for completion and correctness: 271, 100%

Number of FSDSs completed: 527 between 8/11 and 8/24/02  
Number of FSDSs received in Helena: 461 (FSDSs shipped to Helena would include those from 8/9 to 8/22 because they are shipped on Fridays)  
Number and percent of FSDSs checked by the QAM for completeness and correctness: 50 (10.8%); no problems found.  
Corrective Action Taken: None required.  
Number and percent of FSDSs checked by the CSS task leader for completion and correctness: 530, 100%

Comment: The number of IFFs/FSDSs completed and the number of IFFs/FSDSs checked by the CSS TL are not exactly equal due to the timing of when field teams turn in their paperwork. If a field team did not turn in paperwork at the end of one of these two week time periods, that paperwork would be checked during the next two week time period, but entered into the tracking database with a date from the previous time period. Reconciling the very small discrepancies between these numbers is not deemed important by the QAM.

### 3. Supplemental Verification of Vermiculite Product

*(CSS field team leader to notify QAM by email if this occurs)*

Number of occurrences of supplemental verification: None

Addresses of verifications: NA

### 4. Screening Field Checks

*(CSS task leader will check 2% of all properties)*

Total number of residences visited during time period: 277

Number and percent of screening field checks performed by task leader: 15 checks between 8/11 and 8/24/02 (BD-000878, 1101, 1271, 803, 1100, 877, 991, 1270, 1409, 875, 923, 1138, 1256, 1306, and 1325), 5.5%. 8 properties found with discrepancies; see attached list for corrective actions. Corrective action: CSS TL discussed findings with reconnaissance teams at 8/16 morning meeting.

Comment: CSS Task Leader had increased the frequency of the 2% checks. As of 8/24/02, 1627 properties had been surveyed, and a total of 29 checks had been completed, a rate of 1.8%. This rate is slightly low because no 2% checks were performed due to the increased activity during the EPA audit (week of 8/18). CSS Task Leader is in the process of making up these checks.

### 5. Field Audits

Field audit conducted when and by whom? EPA audit by Shaw Environmental, August 20-22, 2002, report not yet available.

6. Field QC Samples (July 28 through August 10, 2002)

Field Duplicates (1/20)

Number of field samples collected: 1185

Number of duplicates collected: 66

Ratio: 1.11/20

Equipment Blanks (1/day)

Number of days soil sampling occurred: 12

Number of equipment blanks collected: 12

Ratio: 1/day

Aqueous Rinsates (1/day, 3 different weeks throughout field season)

Number of days expected to collect rinsates during the time frame: 0

Number of rinsates collected: 0

Ratio: 1/day

Next time period rinsates expected to be collected: October (week not specified at this time)

Total number of rinsates collected since sampling began: 12

Comment:

Preparation Duplicates (1/20)

Number of samples prepared by the CDM laboratory: 630

Number of preparation duplicates collected: 32

Ratio: 1.02/20

Preparation Blanks (1/day)

Number of days that samples were prepared by the CDM laboratory: 5

Number of preparation blanks collected: 5

Ratio: 1/day

Comment:

SEM/IR Splits (first 500 samples: 1/5 of IR  $\leq$  0.5%, 1/10 of IR  $>$  0.5% and  $\geq$  1%)

Total number of samples  $\leq$  0.5%: None yet

Number and percent of SEM/IR splits: None yet

Total number of samples  $>$  0.5% and  $\geq$  1%: None yet

Number and percent of SEM/IR splits: None yet

Comment: No laboratory yet under contract to perform soil analysis, either for IR or SEM. Anni Autio (laboratory coordinator) in charge of arranging this once laboratories are subcontracted.

7. Data Entry Checks (10% of Volpe data entry)

Number of data entries: None (no analytical results)

Number and percent of data entries checked: None (no analytical results - data entry to be checked after analytical data are uploaded into database)

Name of person(s) checking data entries: NA at this time

8. Data Validation

Number of samples validated and reviewed and by whom: None, no analytical results yet

Number of sample results rejected: 0 out of 0

9. CDM Document Review

Documents issued to the client: None during this time period

Which ones required Editorial Review and was review conducted? NA

Which ones required Technical Review and was review conducted? NA

Which ones required QA review and was review conducted? NA

Field Record of Deviation/Request for Modification forms completed and sent to EPA for approval: No new forms submitted to EPA.

Overall Comments:

As with the last three memoranda, the largest concern remains that the laboratory is not yet under contract to begin IR analysis on the soil samples. This will result in a delay in interpreting the results from the QA samples and implementing any potential corrective actions to the sampling program if any issues arise. Additionally, this will result in a delay in providing analytical results to the residents whose homes were sampled and making any remedial decisions.

cc: Jim Christiansen, EPA  
Mary Goldade, EPA  
Mark Raney, Volpe  
Krista Lippoldt, CDM  
Dee Warren, CDM  
Dave Schroeder, CDM  
Terry Keller, CDM  
George DeLullo, CDM

## CSS Orientation Program

Name	Office	Date	Signature
Dee Warren	Denver	5/8/02	Dee Warren
Neel Anderson	NS	5/8/02	Neel Anderson
TOM VAANDERWEE	LONG BEACH	5/8/02	Tom Vanderweel
CHRIS WORTHINGTON	FAIRFAX	11	Chris Worthington
Brian Byles	Pittsburgh	5/8/02	Brian Byles
Mike Coffey	OK KR-Lge	5-9-02	Mike Coffey
Terry Keller	Helena	5/8/02	Terry Keller
Michael Gersen	Fairfax	5/8/02	Michael Gersen
Douglas J. Madick	K.C.	5/8/02	Douglas J. Madick
Kenneth Cook	DENVER	5/8/02	Kenneth Cook
Joe Schreiner	Fairfax	5/8/02	Joe Schreiner
MARC SCHLESBACH	KANSAS CITY	5/29/02	Marc Schlesbach
Bob Alexander	Helena	5/29/02	Bob Alexander
Karen J Berry	Cambridge	5/29/02	Karen J Berry
Robert HUNT	Fairfax	6/10/02	Robert Hunt
Karin Mainzhausen	Helena	6/13/02	Karin Mainzhausen
Albert Munoz	Carlsbad	6/18/02	Albert Munoz
Richard Ecker	Dallas Tx	6/18/02	Richard Ecker
Don Karlowicki	Syracuse	6/17/02	Don Karlowicki
Brian Hiltz	LC	6/17/02	Brian Hiltz
Carrie Fingeret	Fairfax	6/17/02	Carrie Fingeret
Bob Talford	Atlanta	7/9/02	Bob Talford
Regina Clifford	San Diego	7/9/02	Regina Clifford
Kristin Sloane	Wayne	7/9/02	Kristin Sloane
DANIELLE SAINT LOUIS	WOODBRURY	7/9/02	Danielle Saint Louis
Robert Sankaly	Pittsburgh	7/9/02	Robert Sankaly
WALTER SMITH	SEPAZ, TX	7-9-02	Walter Smith
AIMEE VESSELL	SYRACUSE, NY	7/16/02	Aimee Vessel
Gunn Poroga	Helena	7/23/02	Gunn Poroga
RANDALL ROBERTS	ABQ	7/23/02	Randall Roberts
Kenneth Peterson	FAIRFAX	8/13/02	Kenneth Peterson
Paul Oram	FFX	05/29/02	Paul Oram

[illegible]

**IFFs that need to be corrected:**

**Period:** Paperwork received for weeks of 8/11/02 through 8/24/02

IFF BD#'s	10% QC Check problem found	Corrective Action Taken	Date Corrected
BD-001290	p. 2. "Was building remodeled?" question left unanswered (should be "yes")	CSS FTL completed form to answer question (circled YES).	9/4/2002
BD-001500	p. 4. LA noted in yard, but "Not Applicable" was circled for the outdoor exposure assessment. It was noted that a landscaper, not the resident, tended to the lawn twice a week. Was this form filled out correctly?	IFF changed to reflect the outdoor exposure to the resident.	9/10/2002

## CSS INFORMATION FIELD FORM (continued)

Address: 158 Highland DrBD# 001290

Data Item	Value	Notes
<b>OCCUPANT INFORMATION</b>		
Number of Adults/Employees	0: 1 <u>(2)</u> 3 4 5-15 16-20 21-30 >30	
Number of Children	<u>(0)</u> 1 2 3 4 Other: _____	
Years at Location	<1 1-5 5-10 10-15 <u>(&gt;15)</u>	42 yrs
Was the residence/building remodeled?	<u>(Yes)</u> <sup>DW</sup> 9/14/02 No If yes, When (years): <2 2-5 <u>(&gt;5)</u> Where: Attic Living Areas <u>(Garage)</u> Basement Other: <u>GAZEBO</u>	Installed gazebo And garage in the 1980's
Has resident/business purchased any Libby vermiculite materials from W.R. Grace in the past?	Yes <u>(No)</u>	
Has the property at this location been used for a for-profit enterprise of distributing, treating, storing, or disposing of Libby vermiculite?	Yes <u>(No)</u>	
Are there any known areas of exposed vermiculite?	Yes <u>(No)</u> If yes, Where: Ceiling Walls Floors Attic Other: _____	



## INFORMATION FIELD FORM (continued)

Address: 418 Collins AveBD# 001500

Data Item	Value	Notes
<b>EXPOSURE ASSESSMENT</b>		
Type and Frequency of Activity Near Vermiculite Material - Indoor	Frequency: Once a day Once a week Once a month Once a year <u>Not Applicable</u> Duration of Contact: <1 hour 1-2 hours 2-4 hours >4 hours <u>Not Applicable</u> Extent of Contact: Heavy Moderate Light <u>Not Applicable</u>	Not Applicable applies when no vermiculite is present on the property.
Type and Frequency of Activity Near Vermiculite Material - Outdoor	Frequency: Once a day <u>Once a week</u> Once a month Once a year <u>Not Applicable</u> Duration of Contact: <u>&lt;1 hour</u> 1-2 hours 2-4 hours >4 hours <u>Not Applicable</u> Extent of Contact: <u>Light</u> Heavy Moderate <u>Not Applicable</u>	Not Applicable applies when no vermiculite is present on the property. Landscaper tends lawn on a bi-weekly basis roughly 1 hour Light

DK 9-10-02

**CSS Task Leader Screening Field Checks (2% checks) for 8/11 - 8/24/2002**

<b>BD Number</b>	<b>Address</b>	<b>Discrepancy and Corrective Action</b>
BD-000878	1028 Mineral Ave	Discrepancy heat distribution is radiant not forced air. Field form changed and redistributed
BD-001101	193 Park St	No discrepancies found
BD-001271	56 Rainbow Ln	Discrepancy no square footage and no remodeling. Field form changed and redistributed
BD-000803	904 Utah Ave	No discrepancies found
BD-001100	181 Park St	No discrepancies found
BD-000877	1007 Mineral Ave	One discrepancy (1) trace vermiculite (3 flakes) were found in a flowerbed. Could have been easily missed
BD-000991	1413 Cabinet Ave	No discrepancies found
BD-001270	80 Rustic Ave	No discrepancies found
BD-001409	108 Forest Ave	Two discrepancies (1) no square footage entered on IFF (2) year of construction is 1977 not 1970
BD-000875	908 Mineral Ave	Discrepancies (1) square footage is 1500 not 1200 (2) number of children is 1 not 2
BD-000923	1306 Airth Ave	No discrepancies found
BD-001138	212 Indian Head Rd	Discrepancies (1) number of rooms on third floor is provided and there is no third floor
BD-001256	307 Dome Mountain Rd	No discrepancies found
BD-001306	203 E Larch	(1) year of construction is 1920s or 1930s previously listed as unknown. (2) Indoor assessment for vermiculite past or present for basement was not answered. Answered as NO (3) could this have been tracked indoors...was answered an unknown, but since th
BD-001325	149 Airfield Rd	(1) knowledge of former miners visiting property = unknown; (2) knowledge of former residents diagnosed with asbestos related disease = unknown

07/12/02  
PO

BD- 000878

# **LIBBY ASBESTOS PROJECT** **Contaminant Screening Study** **Primary Structure and Property Assessment Information Field Form**

Field Logbook No.: 100087 Page No.: 19 Site Visit Date: 07/12/02  
 Address: 1028 Mineral Ave Structure Description: HOUSE  
 Occupant: Roger & Alice Miller Phone Number: 293-2081  
 Owner (if different than occupant): - Phone Number: -  
 Sampling Team: Paul Open, Rob Seikaly  
 Field Form Check Completed by (100% of forms): Robert  
 Screening Field Check Completed by (2% of forms): Davidson com

Data Item	Value	Notes
<b>HOUSE ATTRIBUTES</b>		
Property Description	<u>Residential</u> Industrial Commercial	
Surrounding Land Use	<u>Residential</u> Industrial Commercial School Mining Other: _____	
Year of Construction	<u>1939</u> Unknown	
Square Footage	<u>1000</u>	
Construction Material	<del>Wood Frame</del> Masonry/Stone PO 07/12/02 <u>Stucco</u> Other: _____	
Number of Floors Above Ground	1 <u>(2)</u> 3 Other: _____	
Number of Rooms Per Floor Above Ground	1: <u>6</u> 2: <u>2</u> 3: _____ Other: _____	
Basement	<u>Yes</u> No	
Heating Source	Wood/Coal <u>Electric</u> Propane/Gas Other: _____	
Heat Distribution	<u>9/13/02</u> <del>Forced air</del> <u>Radiant</u> Other: _____	

☐ Soil samples collected (date: \_\_\_\_\_)

# **LIBBY ASBESTOS PROJECT** **Contaminant Screening Study** **Primary Structure and Property Assessment Information Field Form**

Field Logbook No.: 100094 Page No.: 58 Site Visit Date: 7/31/02  
 Address: 56 RAINBOW LANE Structure Description: RESIDENCE  
 Occupant: ANON MURPHY Phone Number: 408 293-8808  
 Owner (if different than occupant): \_\_\_\_\_ Phone Number: \_\_\_\_\_  
 Sampling Team: C. WORTHINGTON K. BERRY (CDM)  
 Field Form Check Completed by (100% of forms): Karen Berry (CDM)  
 Screening Field Check Completed by (2% of forms): Deanna (CDM)

Data Item	Value	Notes
<b>HOUSE ATTRIBUTES</b>		
Property Description	<u>Residential</u> Industrial Commercial	
Surrounding Land Use	<u>Residential</u> Industrial Commercial School Mining Other: _____	
Year of Construction	<u>1970</u> Unknown	
Square Footage	<u>1200</u> @ 8/13/02	
Construction Material	<u>Wood frame</u> Masonry/Stone Other: _____	
Number of Floors Above Ground	<u>1</u> 2 3 Other: _____	
Number of Rooms Per Floor Above Ground	1: <u>6</u> 2: _____ 3: _____ Other: _____	
Basement	Yes <u>No</u>	
Heating Source	Wood/Coal <u>Electric</u> Propane/Gas Other: _____	
Heat Distribution	Forced air <u>Radiant</u> Other: _____	

BD- 000877

pb 07/12/02

LIBBY ASBESTOS PROJECT  
Contaminant Screening Study

## Primary Structure and Property Assessment Information Field Form

Field Logbook No.: 100087 Page No.: 10 Site Visit Date: 7/12/02  
 Address: 1007 Mineral Avenue Structure Description: House  
 Occupant: Norman Beaudry Phone Number: 293-3875  
 Owner (if different than occupant): Same Phone Number: " "  
 Sampling Team: Paul Oram / Rob Strickly  
 Field Form Check Completed by (100% of forms): [Signature]  
 Screening Field Check Completed by (2% of forms): Doc Wamers

Data Item	Value	Notes
<b>HOUSE ATTRIBUTES</b>		
Property Description	<u>Residential</u> Industrial Commercial	
Surrounding Land Use	<u>Residential</u> Industrial Commercial School Mining Other: _____	
Year of Construction	<u>1987</u> Unknown	
Square Footage	<u>1,350</u>	<u>45' x 30' = 1,350</u>
Construction Material	<u>Wood frame</u> Masonry/Stone Other: _____	
Number of Floors Above Ground	<u>2</u> 3 Other: _____	
Number of Rooms Per Floor Above Ground	1: <u>2</u> 2: _____ 3: _____ Other: _____	
Basement	<u>Yes</u> No	
Heating Source	<u>Wood/Coal</u> <u>Electric</u> Propane/Gas Other: _____	
Heat Distribution	<u>Forced air</u> Radiant Other: _____	

2000  
12/02

BD- 001409

☐ Soil samples collected (Date: \_\_\_\_\_)

**LIBBY ASBESTOS PROJECT**  
**Contaminant Screening Study**  
**Primary Structure and Property Assessment Information Field Form**

Field Logbook No.: 100094 Page No.: 71 Site Visit Date: 8/2/02  
 Address: 108 FOREST AVE Structure Description: RESIDENCE  
 Occupant: MICHAEL LOCKMAN Phone Number: 293-8852  
 Owner (if different than occupant): \_\_\_\_\_ Phone Number: \_\_\_\_\_  
 Sampling Team: C. WORTHINGTON, K. BERRY (CDM)  
 Field Form Check Completed by (100% of forms): Karen J. Berry (CDM)  
 Screening Field Check Completed by (2% of forms): Debra Ann (CDM)

Data Item	Value	Notes
<b>HOUSE ATTRIBUTES</b>		
Property Description	<u>Residential</u> Industrial Commercial	
Surrounding Land Use	<u>Residential</u> Industrial Commercial School Mining Other: _____	
Year of Construction	<u>8/14/02</u> 1970 1977 Unknown	
Square Footage	<u>~900</u> 8/14/02	
Construction Material	<u>Wood frame</u> Masonry/Stone Other: _____	
Number of Floors Above Ground	<u>1</u> 2 3 Other: _____	
Number of Rooms Per Floor Above Ground	1: <u>3</u> 2: _____ 3: _____ Other: _____	
Basement	Yes <u>No</u>	
Heating Source	<u>Wood/Coal</u> <u>Electric</u> Propane/Gas Other: _____	
Heat Distribution	<u>Forced air</u> <u>Radiant</u> Other: _____	

BD- 000875

p. 07/12/02

# LIBBY ASBESTOS PROJECT Contaminant Screening Study

## Primary Structure and Property Assessment Information Field Form

Field Logbook No.: 100087 Page No.: 16 Site Visit Date: 7/12/02  
 Address: 908 Mineral Ave. Structure Description: House  
 Occupant: Jeff Gruber Phone Number: 293 4487  
 Owner (If different than occupant): Same Phone Number: " " "  
 Sampling Team: Paul Olen / Rob Saitaly  
 Field Form Check Completed by (100% of forms): [Signature]  
 Screening Field Check Completed by (2% of forms): [Signature]

Data Item	Value	Notes
<b>HOUSE ATTRIBUTES</b>		
Property Description	<u>Residential</u> Industrial Commercial	
Surrounding Land Use	<u>Residential</u> Industrial Commercial School Mining Other: _____	
Year of Construction	<u>1915</u> Unknown	
Square Footage	<u>1200 ft<sup>2</sup></u> Both Floors	<u>1500 ft<sup>2</sup></u>
Construction Material	<u>Wood frame</u> Masonry/Stone Other: _____	
Number of Floors Above Ground	<u>1</u> <u>2</u> 3 Other: _____	
Number of Rooms Per Floor Above Ground	1: <u>6</u> 2: <u>2</u> 3: _____ Other: _____	
Basement	<u>Yes</u> No	
Heating Source	<u>Wood/Coal</u> <u>Electric</u> Propane/Gas Other: _____	
Heat Distribution	<u>Forced air</u> Radiant Other: _____	

BD- 001138

**LIBBY ASBESTOS PROJECT**  
**Contaminant Screening Study**  
**Primary Structure and Property Assessment Information Field Form**

Field Logbook No.: 100094 Page No.: 14 Site Visit Date: 7/25/02  
 Address: 212 INDIAN HEAD RD Structure Description: RESIDENCE  
 Occupant: GARY & CAROL LISLE Phone Number: 406 293 8617  
 Owner (if different than occupant): \_\_\_\_\_ Phone Number: \_\_\_\_\_  
 Sampling Team: C. WORTHINGTON, K. BERRY, A. MUNOZ  
 Field Form Check Completed by (100% of forms): Karen Berry (com)  
 Screening Field Check Completed by (2% of forms): Dee Wanner (com)

Data Item	Value	Notes
<b>HOUSE ATTRIBUTES</b>		
Property Description	<input checked="" type="radio"/> Residential Industrial Commercial	
Surrounding Land Use	<input checked="" type="radio"/> Residential Industrial Commercial School Mining Other: _____	
Year of Construction	<u>1984</u> Unknown	
Square Footage	<u>3600</u>	<u>2400</u>
Construction Material	<input checked="" type="radio"/> Wood frame Masonry/Stone Other: _____	
Number of Floors Above Ground	1 <input checked="" type="radio"/> 3 Other: _____	
Number of Rooms Per Floor Above Ground	1: <u>4</u> 2: <u>5</u> 3: <u>3</u> 8/14/02 Other: _____	
Basement	<input checked="" type="radio"/> Yes No	
Heating Source	Wood/Coal Electric Propane/Gas Other: <u>DIESEL FUEL</u>	
Heat Distribution	<input checked="" type="radio"/> Forced air Radiant Other: _____	



Soil samples collected (date: 8/3/02)

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# LIBBY ASBESTOS PROJECT

## Contaminant Screening Study

### Primary Structure and Property Assessment Information Field Form

Field Logbook No.: 100067 Page No.: 117 Site Visit Date: 7-31-02  
 Address: 203 E. Larch St Structure Description: House  
 Occupant: George Dauphine Phone Number: (406) 293-7425  
 Owner (if different than occupant): \_\_\_\_\_ Phone Number: \_\_\_\_\_  
 Sampling Team: Brian Pyles & Carrie Fingert - CDM  
 Field Form Check Completed by (100% of forms): Dee Wannen CDM  
 Screening Field Check Completed by (2% of forms): Dee Wannen CDM

Data Item	Value	Notes
<b>HOUSE ATTRIBUTES</b>		
Property Description	<u>Residential</u> Industrial Commercial	
Surrounding Land Use	<u>Residential</u> Industrial Commercial School Mining Other: _____	
Year of Construction	<u>Unknown</u>	<u>≈ 1920s or 30s</u>
Square Footage	<u>864 Sq. Ft.</u>	
Construction Material	<u>Wood frame</u> Masonry/Stone Other: _____	
Number of Floors Above Ground	<u>1</u> 2 3 Other: _____	
Number of Rooms Per Floor Above Ground	1: <u>8</u> 2: _____ 3: _____ Other: _____	
Basement	<u>Yes</u> No	
Heating Source	Wood/Coal <u>Electric</u> Propane/Gas Other: <u>Oil Stove</u>	
Heat Distribution	Forced air Radiant Other: _____	

BD- 001325 *05/10/02*Soil samples collected (Date: 08-10-02)

**LIBBY ASBESTOS PROJECT**  
**Contaminant Screening Study**  
**Primary Structure and Property Assessment Information Field Form**

Field Logbook No.: 100087 Page No.: 139 Site Visit Date: 8-5-02  
 Address: 149 Airfield Rd. Structure Description: \_\_\_\_\_  
 Occupant: Myresa Badware Phone Number: 293-8341  
 Owner (if different than occupant): \_\_\_\_\_ Phone Number: \_\_\_\_\_  
 Sampling Team: Paul Osem & Carrie Fingert  
 Field Form Check Completed by (100% of forms): Paul Osem  
 Screening Field Check Completed by (2% of forms): Paul Osem

Data Item	Value	Notes
<b>HOUSE ATTRIBUTES</b>		
Property Description	<u>Residential</u> Industrial Commercial	
Surrounding Land Use	<u>Residential</u> Industrial Commercial School Mining Other: _____	
Year of Construction	<u>1975</u> Unknown	
Square Footage	<u>≈ 1200</u>	
Construction Material	<u>Wood frame</u> Masonry/Stone Other: _____	
Number of Floors Above Ground	<u>1</u> 2 3 Other: _____	
Number of Rooms Per Floor Above Ground	1: <u>9</u> 2: _____ 3: _____ Other: _____	
Basement	Yes <u>No</u>	
Heating Source	<u>Wood/Coal</u> Electric Propane/Gas Other: _____	
Heat Distribution	Forced air <u>Radiant</u> Other: _____	